In re the Patent Application:

LOW OXYGEN AFFINITY MUTANT HEMOGLOBINS

Inventors: Chien Ho, Ching-Hsuan Tsai, Tsuci-Yun Fang and Tong-Jian Shen

Filed: November 9, 2001

Serial No.: 09/986,666

Attorney Docket No.: 002547/20118/DIV3

Transmitted herewith are the following items in connection with the above-identified patent application:

Check for \$205.00

- Check for \$1 80.00
- Amendment Transmittal Letter (1 p. + copy)
- Petition For Extension of Time (2pp + copy)
- Amendment (11 pp.)
- Supplemental Sequence Listing
 - Paper Copy (5 pp.)
 - Computer readable copy (1 diskette)
 Copy of IDS and Form PTO 1449 filed December 22, 2000 and December 13, 2001
- Formal Drawings (20 sheets)

Dated: September 9, 2003

The stamp of the U.S. Patent and Trademark Office Mail
Room hereon acknowledges the receipt of the above-identified papers on the date indicated by such stamp.

SEP, 0 9 2003

AMENDMENT TRANSMITTAL LETTER						ocket Number (Optional)		
		Filing Date November 9, 2001	1	miner adson	Group Art Unit 1653		653	
Invention Title LOW OXYGEN AFFINITY MUTANT HEMOGLOBINS								
TO THE COMMISSIONER OF PATENTS AND TRADEMARKS Transmitted herewith is an amendment in the above-identified application.								
· X	Small Entity status of this application has been established under 37 CFR 1.27 by a verified statement previously submitted							
	A verified stateme	A verified statement to establish Small Entity status under 37 CFR 1.27 is enclosed.						
X	No additional clai	No additional claim fee is required.						
X	The fee has been calculated as shown below:							
CLAIMS AS AMENDED								
		(1)		(2)	(3)		.	
		CLAIMS		HIGHEST	PRESENT NUMBER			
		REMAINING AFTER		NUMBER PREVIOUSLY	EXTRA			
		AMENDMENT		PAID FOR		RATE	FEE	
TOTAL CLAIMS		* 15	minus	**20	0	x \$18	0	
INDEPENDENT CLAIMS		* 8	minus	** 8	0	x \$84	0	
MULTIPLE DE	PENDENT CLAIM AD	DED	ا يواندو ويات الاستان ميارشي			\$280	0	
TOTAL If expolicent has small entity status under 37 CFR 19 and SMALL ENTITY							0	
If applicant has small entity status under 37 CFR 1.9 and SMALL ENTITY 1.27, then divide total fee by 2, and enter amount here TOTAL							0	
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3 ** If the highest number previously paid for IN THIS SPACE is less than 20, enter "20". ** If the highest number previously paid for IN THIS SPACE is less than 3, enter "3". The "highest number previously paid for" (total or independent) is the highest number found in the appropriate box in column 1. Please charge Deposit Account No in the amount of \$ A duplicate copy of this sheet is enclosed.								
区 Checks in the amount of \$205.00 and \$180.00 to cover the filling fees for a 2-month extension of time and IDS filling fee are enclosed.								
区 The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account Number 18-0582. A duplicate copy of this sheet is enclosed.								
Any additional filing fees required under 37 CFR 1.16.								
	Any patent application processing fees under 37 CFR 1.17.							
September 9, 2003 Date Mary-Elizabeth Buckles Registration No. 31,907 Reed Smith LLP 1301 K Street, N.W. Suite 1100 - East Tower Washington, D.C. 20005 (202) 414-9267								

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

CHIEN HO, et al.

Group Art Unit: 1653

Serial No.: 09/986,666

Examiner: K. Carlson

Filed: November 9, 2001

For: LOW OXYGEN AFFINITY MUTANT

HEMOGLOBINS

PETITION FOR EXTENSION OF TIME FOR RESPONSE UNDER 37 C.F.R. § 1.136

Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Applicant hereby petitions the Commissioner to extend the term for response to the Office Action mailed April 9, 2003 for two (2) months to and including September 9, 2003, which date is within the six month maximum response time afforded by 35 U.S.C. § 133.

A check in the amount of \$205.00 is attached to cover the fee set forth in 37 C.F.R. § 1.17(a)(2) for "response within second month" by a small entity. The Director is hereby authorized to charge Deposit Account No. 18-0582 for any

deficiency in the fee associated with this communication. A duplicate copy of this document is attached.

Respectfully submitted,

Ву:

Mary Elizabeth Buckles

Registration No. \$1,907

REED SMITH LLP

Attorneys for Applicants

1301 K Street, N.W. Suite 1100 - East Tower Washington, D.C. 20005 (202) 414-9267

Filed: September 9, 2003